IEEE 12th International Conference on
Application of Information and Communication Technologies

AICT2018

Kazakhstan, Almaty, 17-19 October 2018
www.aict.info/2018

CONFERENCE COMMITTEES:

Conference Co-Chairs:

* Professor Galimkair Mutanov, Rector, al-Farabi Kazakh National University, Kazakhstan
* Assoc.Prof. Kenzhebek Ibrashev, Rector, Kazakh-British Technical University, Kazakhstan
* Assoc.Prof. Kanat Kozhakhmet, Rector, Suleyman Demirel University, Kazakhstan
* Assoc.Prof. Vafa Kazdal, Vice-Rector for Academic Affairs, ADA University, Azerbaijan

General Chair:

* Assoc.Prof. Abzetdin Adamov, IEEE Azerbaijan Joint Chapter / ADA University, Azerbaijan  

Technical Program Co-Chairs:

* Prof. Tlekkabul Ramazanov, Vice-Rector, al-Farabi Kazakh National University, Kazakhstan,  
* Assoc.Prof. Maratbek Gabdullin, Vice-Rector, Kazakh-British Technical University, Kazakhstan,  
* Assist.Prof., Araz Yusubov, Acting Dean, School IT&Engineering, ADA University, Azebaijan,  
* Assist.Prof., Davran GAIPOV, Vice-Rector, Suleyman Demirel University, Kazakhstan,  
* Prof. Eshref Adali, Istanbul Technical University, Turkey  
* Prof. Sergey Nikitov, IEEE Russia Section, Russia  
* Prof. H.Levent Akin, Bogazici University, Turkey  
* Assoc.Prof. Vincent Guyot, ESIEA/LIP6, Sorbonne University, France  
* In Jeong Lee, ITIRC Vice-president, Hoseo University, Korea,  
* Prof. Janusz Kacprzyk, PAS Academician, Systems Research Institute, Poland
* Prof. Vladimir Kureychik, Southern Federal University, Russia  
* Dr. Samir Rustamov, ADA University, Azerbaijan  
* Prof. Steven Skiena, Stony Brook University, US  
* Prof. Tae Woon Kang, National Research Foundation, Korea,  
* Prof. Dmitry Novikov, Corresponding member of RAS, Director of V.A. Trapeznikov Institute of Control Sciences of RAS, Russia,  

Panel Chair:

Assoc.Prof. Abzetdin Adamov, IEEE Computer Society Azerbaijan Chapter, Azerbaijan

Tutorials and Publication Chairs:

Assoc.Prof. Abzetdin Adamov, IEEE Computer Society Azerbaijan Chapter, Azerbaijan

Local Organizing Committee:

* Prof. Tukeyev U.A., al-Farabi Kazakh National University, Kazakhstan,  
* PhD, Zhakebayev D.B., al-Farabi Kazakh National University, Kazakhstan,  
* PhD, Urmashev B.A., al-Farabi Kazakh National University, Kazakhstan,  
* PhD, Yessengaliyeva Zh.S, al-Farabi Kazakh National University, Kazakhstan
* PhD, Kumalakov B.A., al-Farabi Kazakh National University, Kazakhstan,  
* PhD, Professor Timur Umarov, Kazakh-British Technical University, Kazakhstan,  
* PhD, Professor Fuad Hajiyev, Kazakh-British Technical University, Kazakhstan,  
* PhD, Professor Askar Akshabayev, Kazakh-British Technical University, Kazakhstan,  
* Prof, Yedilkhan Amirgaliyev, Suleyman Demirel University, Kazakhstan,  
* PhD, Meirambek Zhaparov, Suleyman Demirel University, Kazakhstan,  
* PhD, Madina Alimanova, Suleyman Demirel University, Kazakhstan,  

Advisory and Steering Committee:

* Raouf Boutaba, University of Waterloo, Canada  
* Victor Kureichik, Southern Federal University, Russia  
* Sergey Nikitov, IEEE Russia Section / V.A. Kotelnikov Institute of radio engineering and electronics of RAS, Russia
* Guy Omidyar, IFIPTC6 WG6.8 Past Chair, USA  
* Mehmet Ulema, Manhattan College, USA  

Technical Program Committee members:

* Mehmet Ulema, Manhanttan College, USA
* Ivan Zelinka, Technical University of Ostrava, Czech Republic
* Jibendu Sekhar Roy, KIIT University, Bhubaneswar, India
* Vitalijs Komasilovs, Latvia University of Agriculture, Latvia
* Milan Turčáni, Constantine the Philosopher University in Nitra, Slovakia
* Asad Abdi, Universiti Teknologi Malaysia, Malaysia
* Mohd Helmy Abd Wahab, University Tun Hussein Onn Malaysia, Malaysia
* Abzetdin Adamov, ADA University, Azerbaijan
* Muammer Akcay, Kütahya Dumlupınar University, Turkey
* Ramiz Alguliyev, Institute of Information Technologies of ANAS, Azerbaijan
* Nadir Alishov, Ukraine National Academy of Science, Ukraine
* Lyazzat Atymtayeva, Kazakh British Technical University, Kazakhstan
* Mehmet Ufuk Caglayan, Bogazici University, Turkey
* Cem Ersoy, Bogazici University, IEEE ComSoc Chapter Chair, Turkey
* Francisco Garcia, University of Murcia, Spain
* Eyyup Gulbandilar, Eskisehir Osmangazi University, Turkey
* Yashar Hajiyev, Baku Engineering University, Azerbaijan
* Yadigar Imamverdiyev, Institute of Information Technology of ANAS, Azerbaijan
* Janusz Kacprzyk, Systems Research Institute, Poland
* Murat Koyuncu, Atilim University, Turkey
* Yury Kudinov, Lipetsk State Technical University, Russia
* Victor Kureychik, Southern Federal University, Russia ,
* Vladimir Kureychik, Southern Federal University, Russia
* Asgar Mammadli, Baku Engineering University, Azerbaijan
* Masoud Mashhouri, Carleton University, Canada
* Walaa Medhat, Ain Shams University, Egypt
* Shamil Mehdiyev, Baku Engineering University, Azerbaijan
* Eduard Melnik, SSC RAS, Russia
* Mohamed Musa, Sudan University of Science and Technology, Sudan
* Efendi Nasibov, Dokuz Eylul University, Turkey
* Kashif Nisar, University Malaysia Sabah, Malaysia
* Hasan Ogul, Bashkent University, Turkey
* Alexander Pashchenko, V.A. Trapeznikov Institute of Control Sciences of RAS, Russia
* Fedor Pashchenko, V.A. Trapeznikov Institute of Control Sciences of RAS, Russia
* Ali Pourmohammad, Amirkabir University of Technology, Iran
* Ekaterina Pronoza, Saint Petersburg State University, Russia
* Anar Rustemov, Baku Engineering University, Azerbaijan
* Samir Rustamov, ADA University, Azerbaijan
* Kamil Saraç, University of Texas at Dallas, USA
* Reijo Savola, VTT Technical Research Centre of Finland, Finland
* Elhadi Shakshuki, Acadia University, Canada
* Iouliia Skliarova, University of Aveiro, Portugal
* Petr Sosnin, Ulyanovsk State Technical University, Russia
* Asoke K Talukder, IIIT Bangalore, India
* Akhmed-Zaki D.Zh., al-Farabi Kazakh National University, Kazakhstan
* Mansurova M.E., al-Farabi Kazakh National University, Kazakhstan
* Mamyrbayev O., al-Farabi Kazakh National University, Kazakhstan
* Imankulov T.S., al-Farabi Kazakh National University, Kazakhstan
* Isakhov A.A., al-Farabi Kazakh National University, Kazakhstan
* Bekbauov B.E., al-Farabi Kazakh National University, Kazakhstan
* Belyaev E.K., al-Farabi Kazakh National University, Kazakhstan
* Maemerova G.M., al-Farabi Kazakh National University, Kazakhstan
* Musiraliyeva Sh.Zh., al-Farabi Kazakh National University, Kazakhstan
* Dyusembayev A.E., al-Farabi Kazakh National University, Kazakhstan
* Aidarov K.A., al-Farabi Kazakh National University, Kazakhstan
* Pyrkova A.Yu, al-Farabi Kazakh National University, Kazakhstan
* Sergaliyev A.S., al-Farabi Kazakh National University, Kazakhstan
* Abdibekova A.U., al-Farabi Kazakh National University, Kazakhstan
* Zhumaly A. al-Farabi Kazakh National University, Kazakhstan
* Beketaeva A.O. al-Farabi Kazakh National University, Kazakhstan
* Beysenbek Baisakov, Kazakh-British Technical University, Kazakhstan
* Ramesh Kini, Kazakh-British Technical University, Kazakhstan
* Assel Akzhalova, Kazakh-British Technical University, Kazakhstan
* Zarina Samigullina, Kazakh-British Technical University, Kazakhstan
* Akbota Senkebayeva, Kazakh-British Technical University, Kazakhstan
* Assylbek Isakhov, Kazakh-British Technical University, Kazakhstan
* Alexandr Pak, Kazakh-British Technical University, Kazakhstan
* Pakita Shamoi, Kazakh-British Technical University, Kazakhstan
* Cemil Turan, Suleyman Demirel University, Kazakhstan
* Andrey Bogdanchikov, Suleyman Demirel University, Kazakhstan
* Olimzhon Baimuratov, Suleyman Demirel University, Kazakhstan
* Rassim Suliyev, Suleyman Demirel University, Kazakhstan
* Shahriar Shamiluulu, Suleyman Demirel University, Kazakhstan
* Aziza Aipenova, Suleyman Demirel University, Kazakhstan

2009-2018 © AICT International Conference

IMPORTANT DATES:

  Conference date: **Mar 17, 2018 - Oct 19, 2018**

|  |  |
| --- | --- |
| Paper Submissions Beginning: | February 02, 2018 |
| Paper Submissions Deadline: | **May 31, 2018** |
| Notification of Acceptance: | **Jun 20, 2018** |
| Camera Ready Version Due: | **Jul 20, 2018** |

Kazakhstan, Almaty, 17-19 October 2018
www.aict.info/2018

**[PAPER SUBMISSION IS OPEN NOW!](http://www.aict.info/?csc=2018&mod=papersub)**

AICT2018 WILL START IN:

188

Days

13

Hours

14

Min

28

Sec

About AICT2018 Conference:

|  |  |
| --- | --- |
| AICT2018 | AICT2018 |

On behalf of the Steering Committee, we welcome you to the IEEE 12th International Conference on Application of Information and Communication Technologies (AICT2018) will be held in Almaty, Kazakhstan on 17, 19 and 19th of October 2018. The AICT2018 International Conference will build on the success of the previous conferences, which were held in Astana, Baku, Tashkent, Tbilisi, Rostov-on-Don, Moscow.

The AICT2018 is co-organized by the Kazakh-British Technical University (KBTU), Al-Farabi Kazakh National University (KazNU), Suleyman Demirel University (SDU), ADA University with support IEEE Azerbaijan Joint Chapter and technically sponsored by Institute of Electrical and Electronics Engineers (IEEE).

The AICT2018 will offer oral, poster sessions, keynote speeches, tutorials and, professional meetings. Submitted papers are expected to cover state-of-the-art technologies, theoretical concepts, standards, products implementation, ongoing research projects as well as application issues of the ICT. In the previous AICT was joined by hundreds of participants from more than 50 countries including Australia, Azerbaijan, China, Finland, Georgia, Germany, India, Iran, Italy, Japan, Kazakhstan, Korea, Latvia, Malaysia, Pakistan, Philippines, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Thailand, Turkey, Ukraine, United Kingdom, United States, Uzbekistan, etc.

AICT2018 Conference Scope:

AICT2018 topics include, but are not limited to, the following research and development areas/fields (more than 80 topics for more information visit [Sessions / Topics](http://www.aict.info/?csc=2018&mod=topics)):

* Big Data Management and Application
* Data Mining and Data Engineering
* Cyber Security Issues
* Latest Trends in ICT Application
* Communication, network and hardware
* ICT in Business Administration, Finance and Economy
* ICT in Governance and Government Policy Making
* ICT in Education, Humanities, Social Sciences and Research
* ICT in Medicine and Health Care
* ICT in Fuel and Energy Industry

AICT2018 Conference Purpose:

The AICT2018 IEEE International Conference is a forum to bring together business people, researchers, scientists, software architects, and industry professionals to discuss innovative ideas and diverse topics on next generation of information technologies and services. Using this forum, researchers and practitioners can exchange issues, challenges, new business models and structures, and new technologies and solutions. The AICT2018 aims at attracting both researchers from academic and industrial institutions and practitioners from industry.

Researchers, practitioners and distinguished speakers are invited to submit a paper and/or to make proposals of original research speeches addressing business and technical issues, challenges, solutions, and technologies in building applications, complete solutions and ICT-based services. All papers/proposals will be peer-reviewed by the members of the international program committee.